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Modified 02-03

PTO/SB/21 (01-03)  
Approved for use through 9/30/00. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>  <b>Mail Stop: AMENDMENT</b>  Express Mail Receipt No.  Total Number of Pages in This Submission	Application / Conf. No.	10/815,492 / 8518
	Filing Date	April 01, 2004
	First Named Inventor	Tarek Eldin
	Examiner Name	Saqib Javaid Siddiqui
	Art Unit	2138
	Patent No.	
	Attorney Docket Number	X-1481 US

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (with Recordation Cover Sheet)	<input type="checkbox"/> After Allowance Communication to
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Declaration / Oath	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Preliminary Amendment	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Affidavit(s)/declaration(s)	<input type="checkbox"/> Petition -	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Change Status to LARGE ENTITY	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A)	Remarks	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Customer Number	<b>24309</b> (Customer Number)	Reg. Number 36,480
Attn: Keith A. Chanroo		
Signature	<i>[Handwritten Signature]</i>	
Date	July 5, 2006	Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this date:			
Typed or Printed Name	Pat Tompkins		
Signature	<i>[Handwritten Signature]</i>	Date	July 5, 2006

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



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Approved for use through 10-31-2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>FEE TRANSMITTAL</b> <b>for FY 2005</b>  <i>Patent fees are subject to annual revision</i>		<b>Complete if Known</b>		
		Application / Conf. No.	10/815,492 / 8518	
		Filing Date	April 1, 2004	
		First Named Inventor	Tarek Eldin	
		Examiner Name	Saqib Javaid Siddiqui	
		Art Unit	2138	
TOTAL AMOUNT OF PAYMENT (\$)		200.00	Attorney Docket No.	X-1481 US

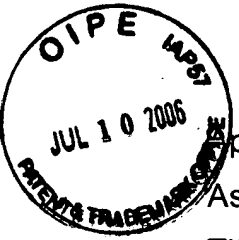
<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees, any additional fees required, and credit any over payments to:  <input checked="" type="checkbox"/> Deposit Account  Deposit Account Number: 24-0040  Deposit Account Name: XILINX, INC.		<b>3. ADDITIONAL FEES</b>																																																																																																									
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<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Keith A. Chanroo	Registration No. (Attorney/Agent)	36,480
Signature		Telephone	408-879-7710
		Date	07-05-2006

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

X-1481 US  
10/815,492

PATENT  
Conf. No.: 8518



IN THE UNITED STATES PATENT OFFICE

Applicants: Tarek Eldin et al.

Assignee: Xilinx, Inc.

Title: Method of Automatic Fault Isolation in a Programmable Logic Device

Serial No.: 10/815,492

Filing Date: April 1, 2004

Examiner: Saqib J. Siddiqui

Art Unit: 2138

Docket No.: X-1481US

Conf. No.: 8518

-----  
Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO THE FIRST OFFICE ACTION

Dear Sir:

In response to the First Office action mailed from the Patent Office on April 18, 2006, please amend the above-referenced patent application as follows.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 9 of this paper.

07/11/2006 AKELECH1 00000042 240040 10815492

01 FC:1201 200.00 DA